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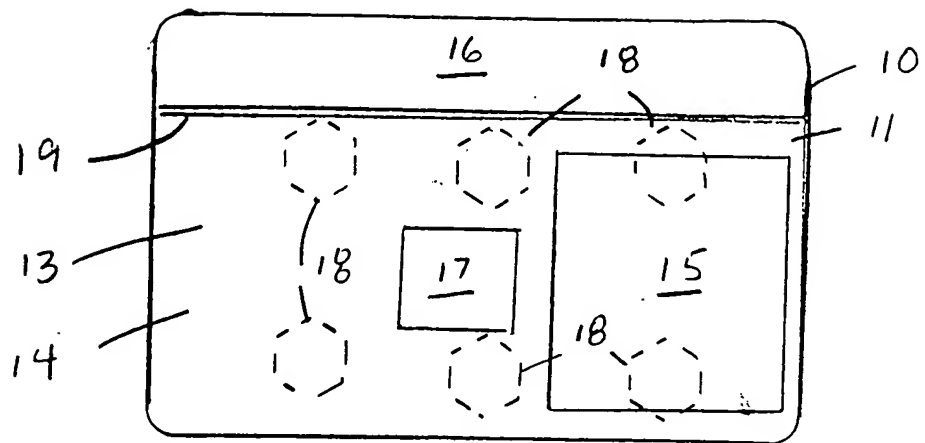


FIG. 1A

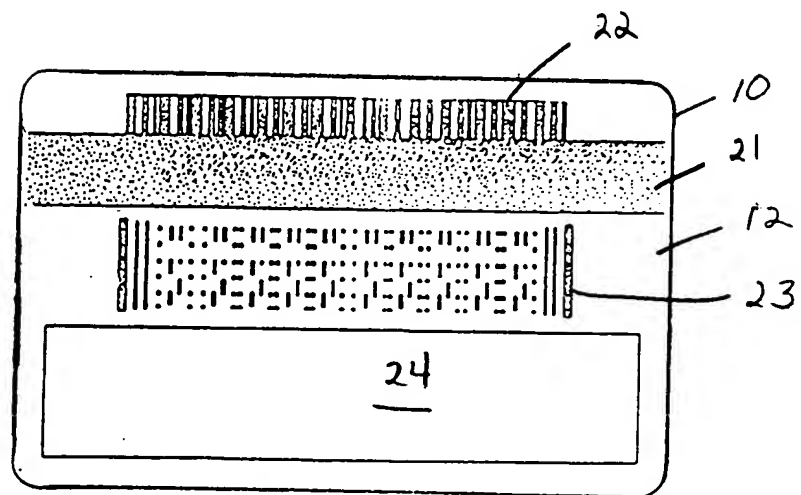


FIG. 1B

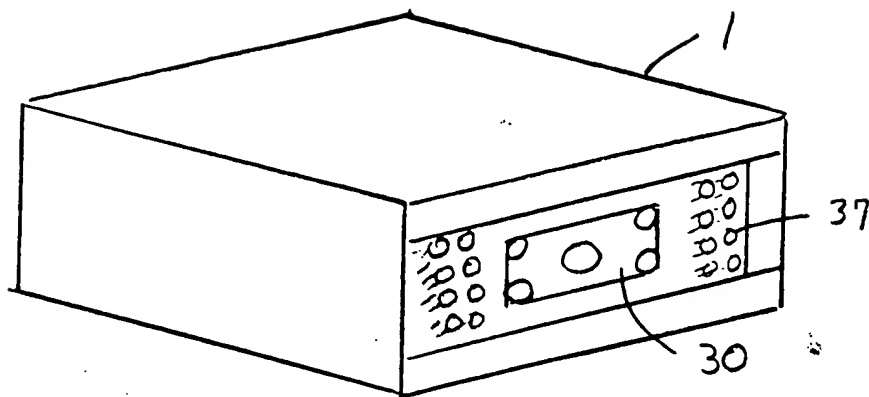


FIG. 2

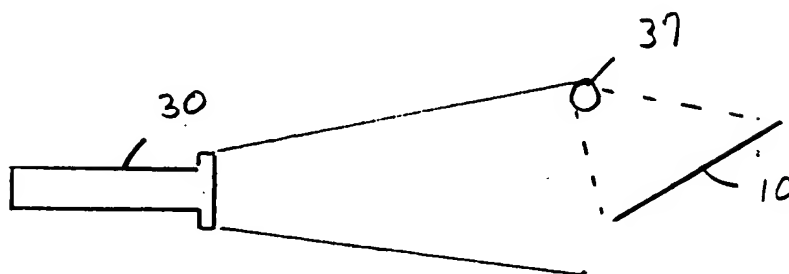


FIG. 3

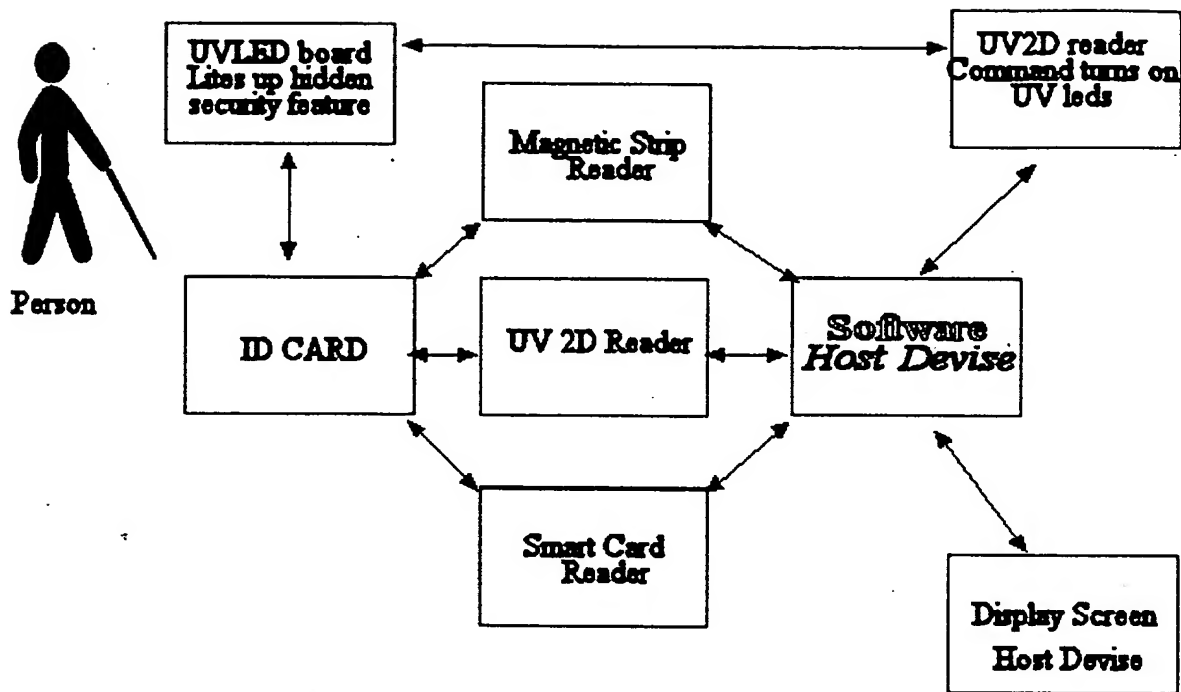


FIG 4

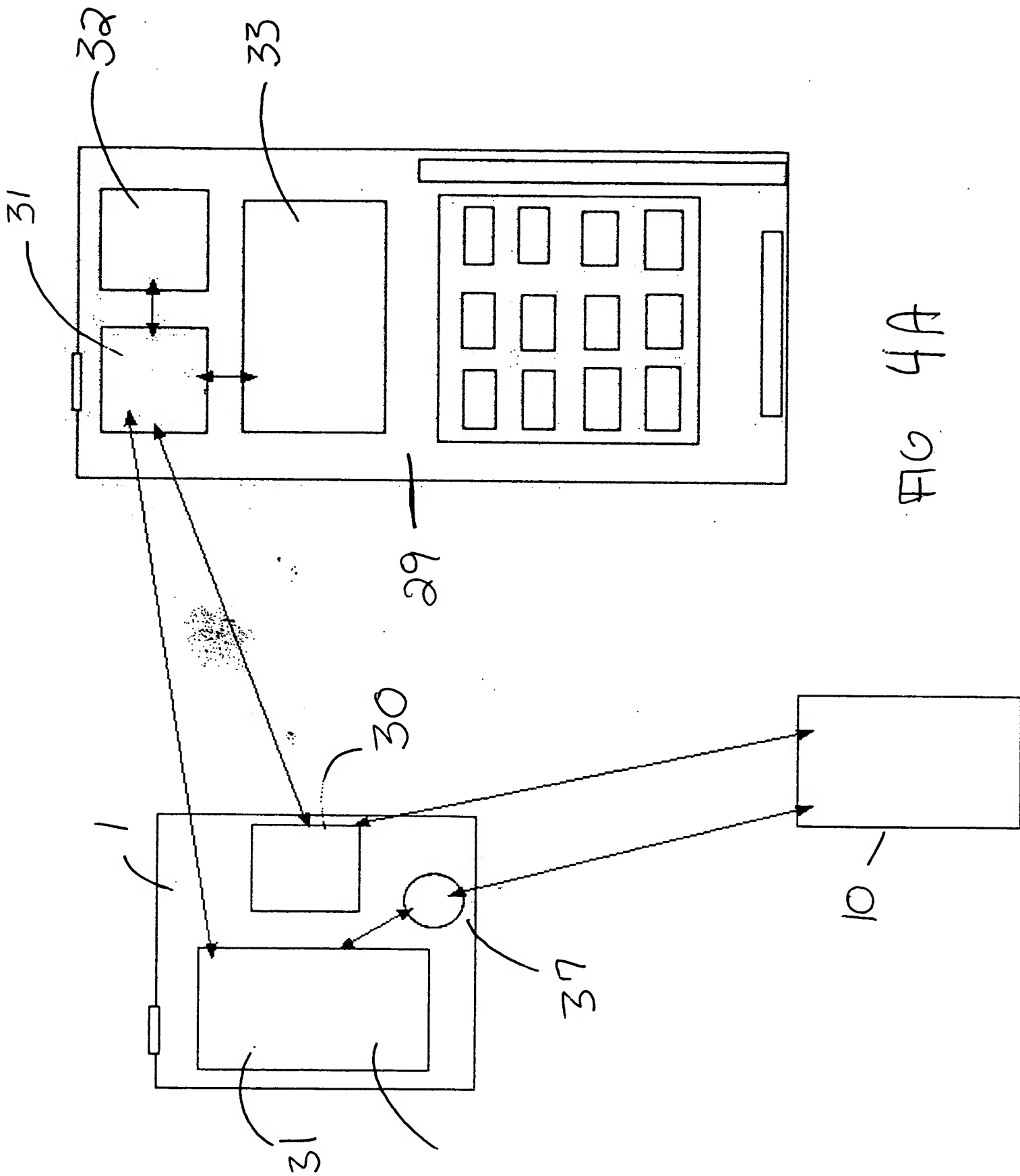
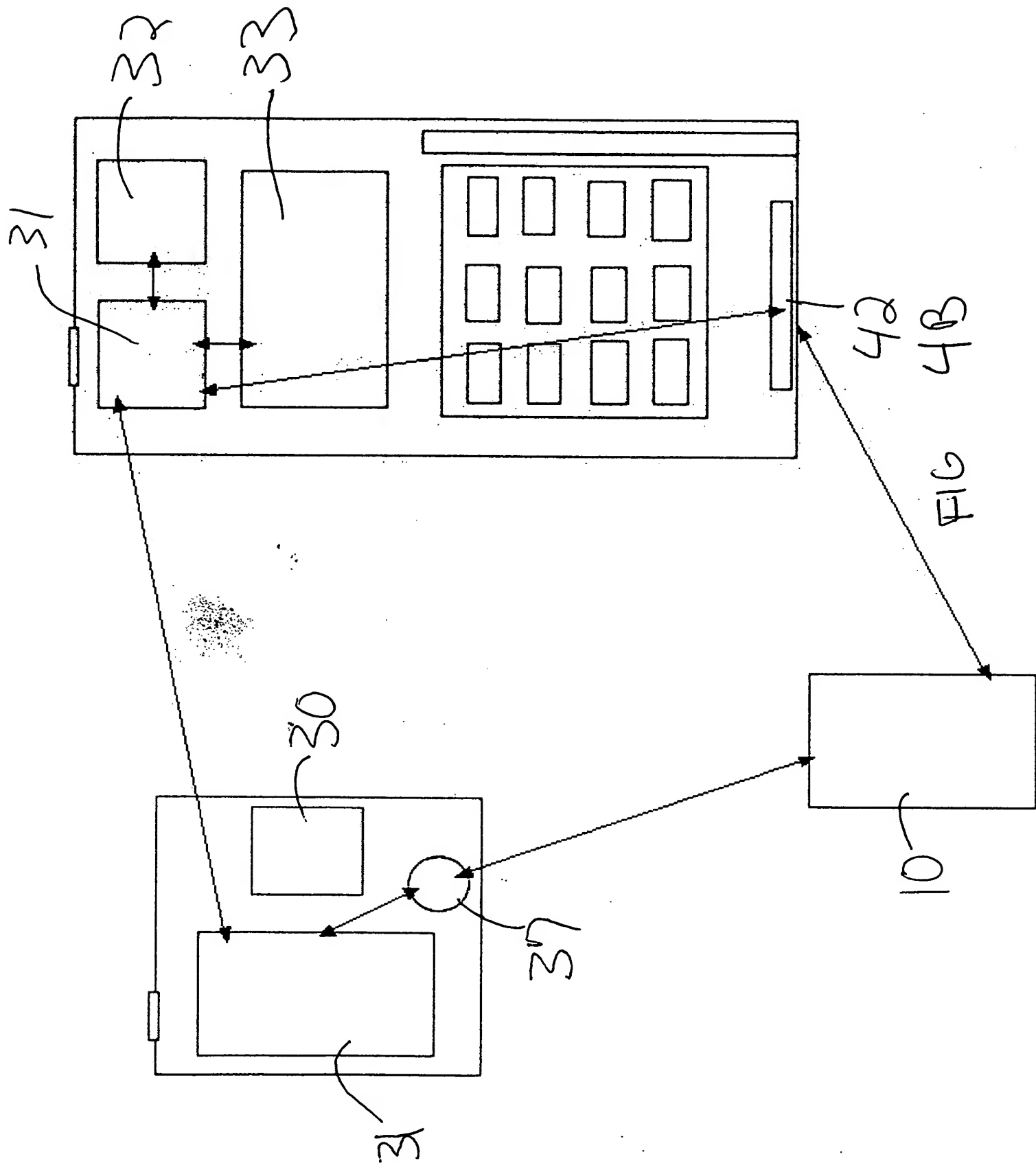
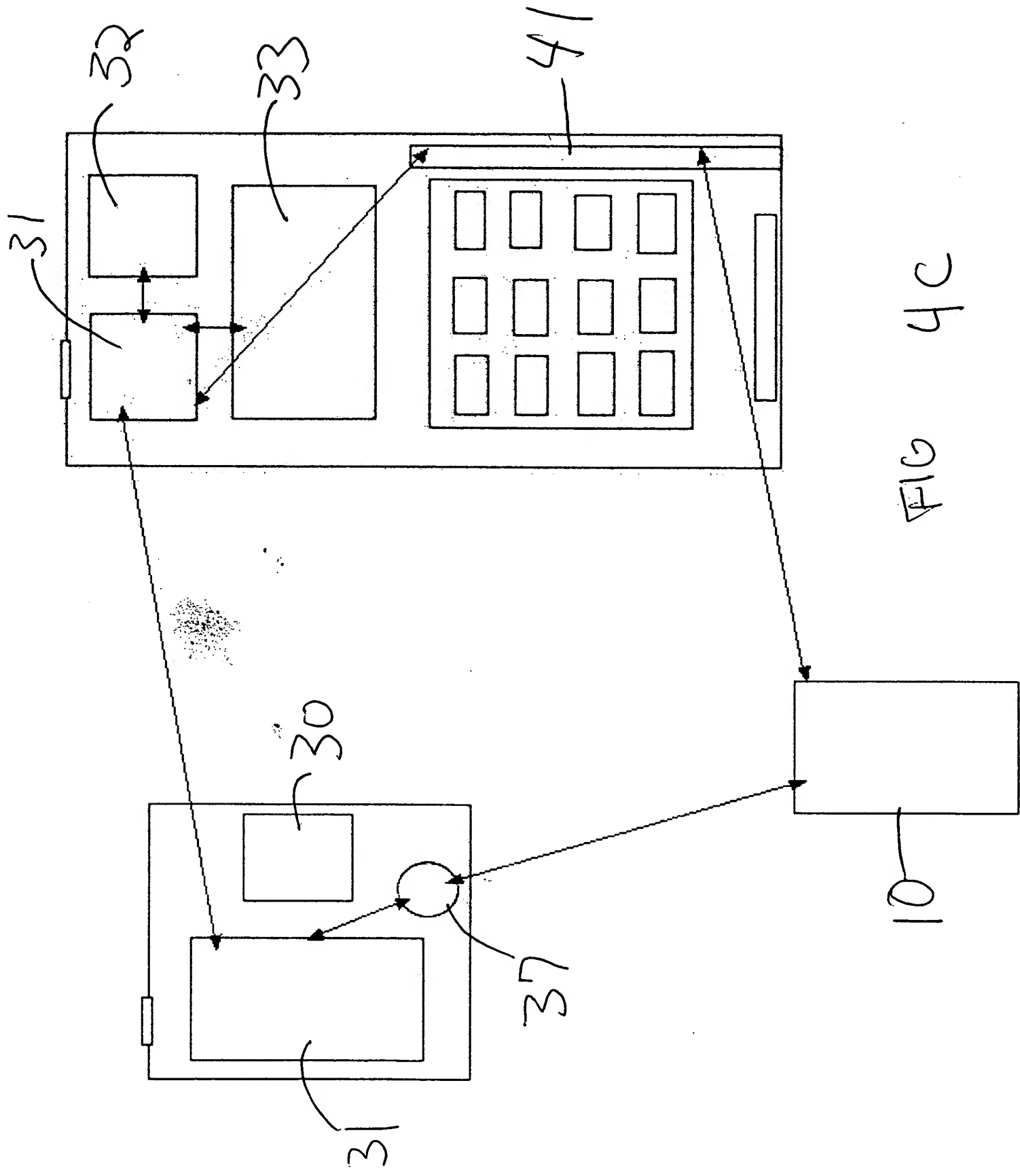


FIG 4A





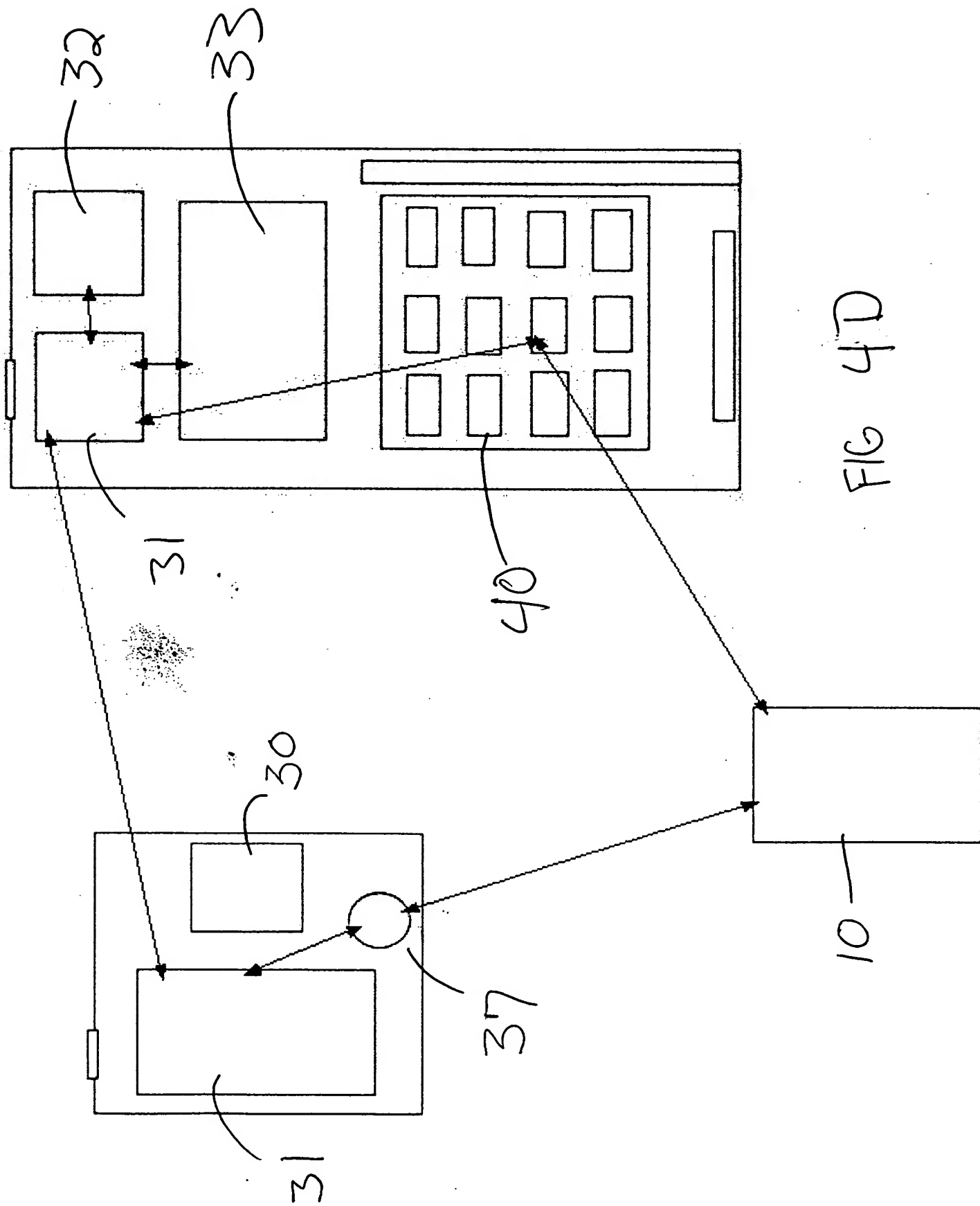
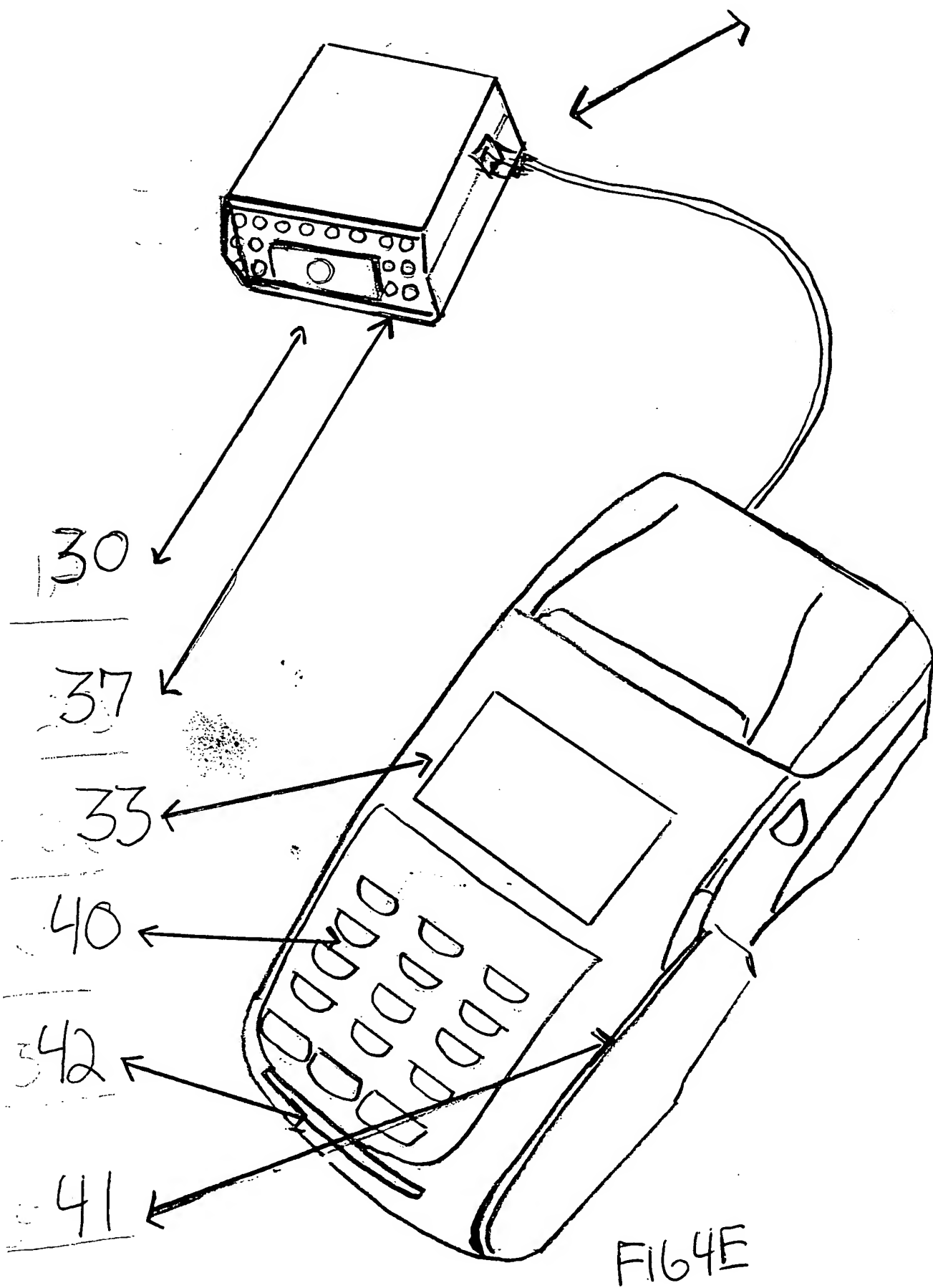


FIG 4D



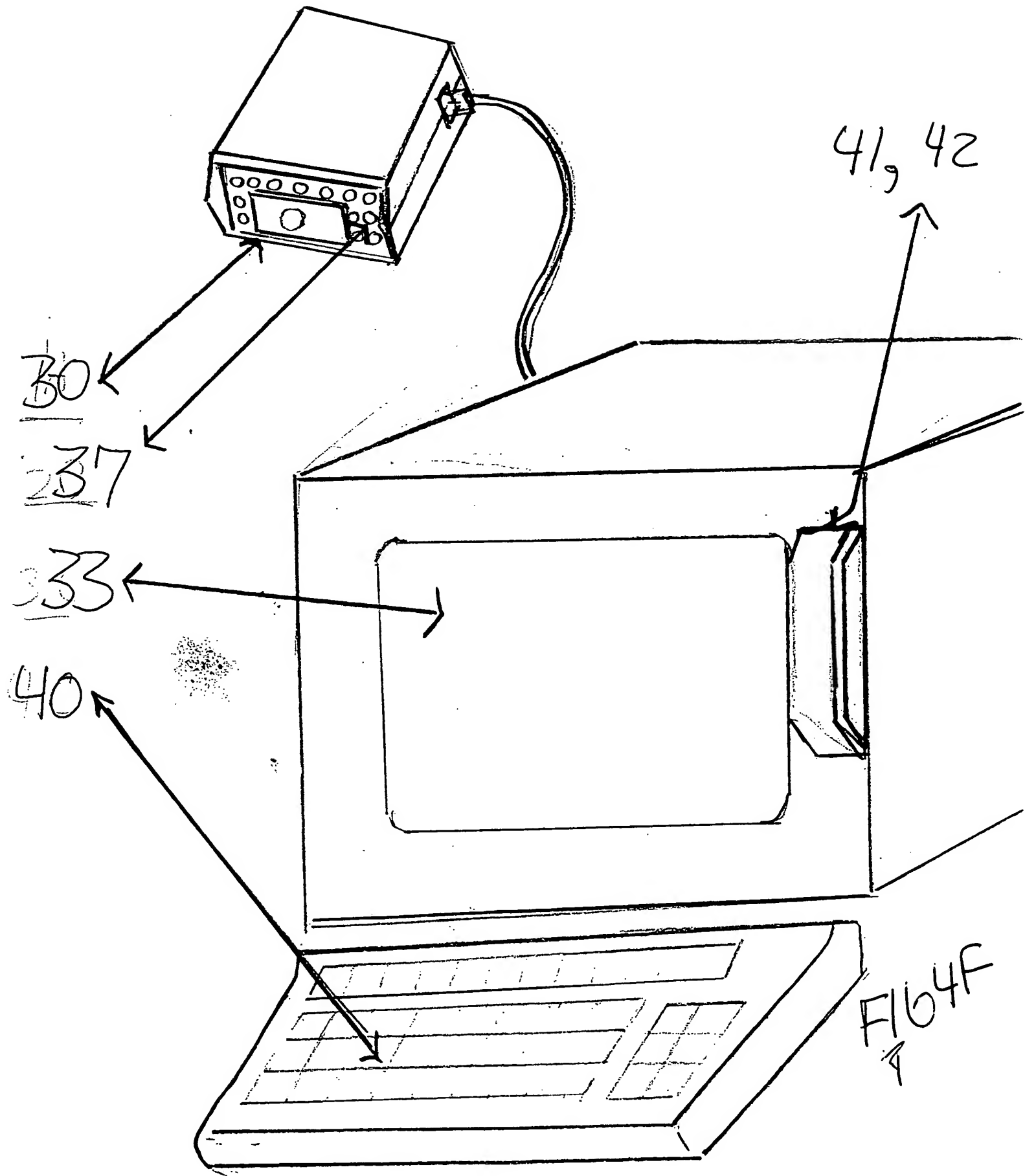


FIG 4F

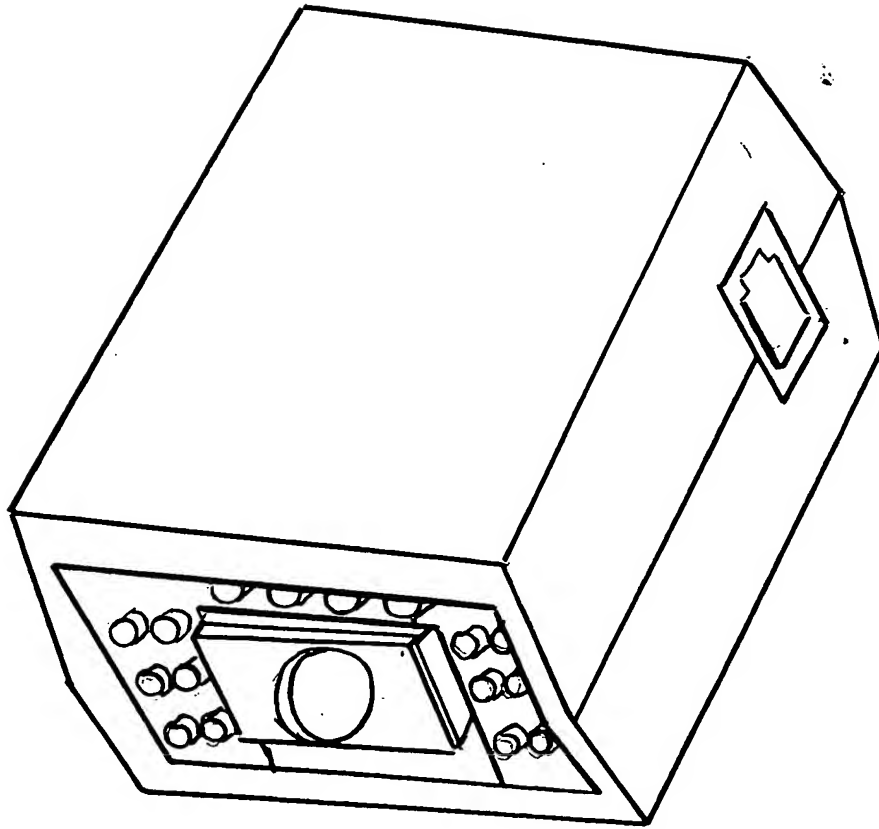


FIG 5

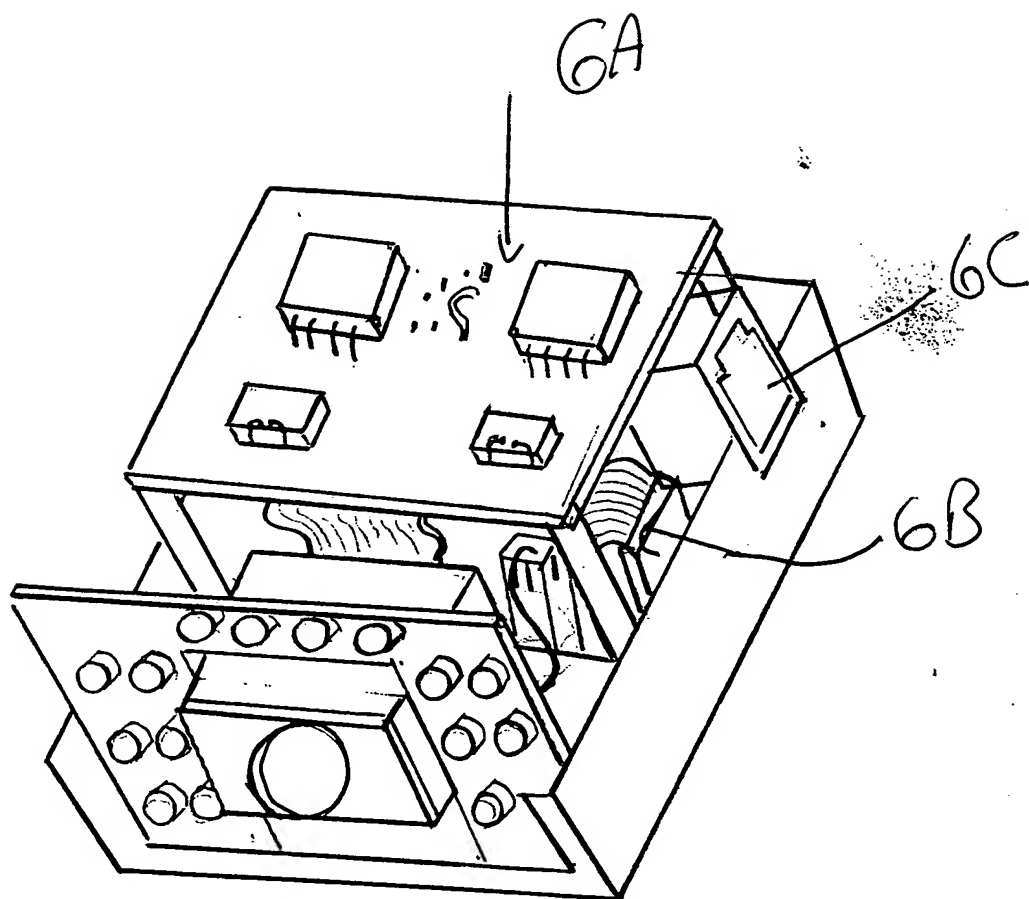


FIG 6

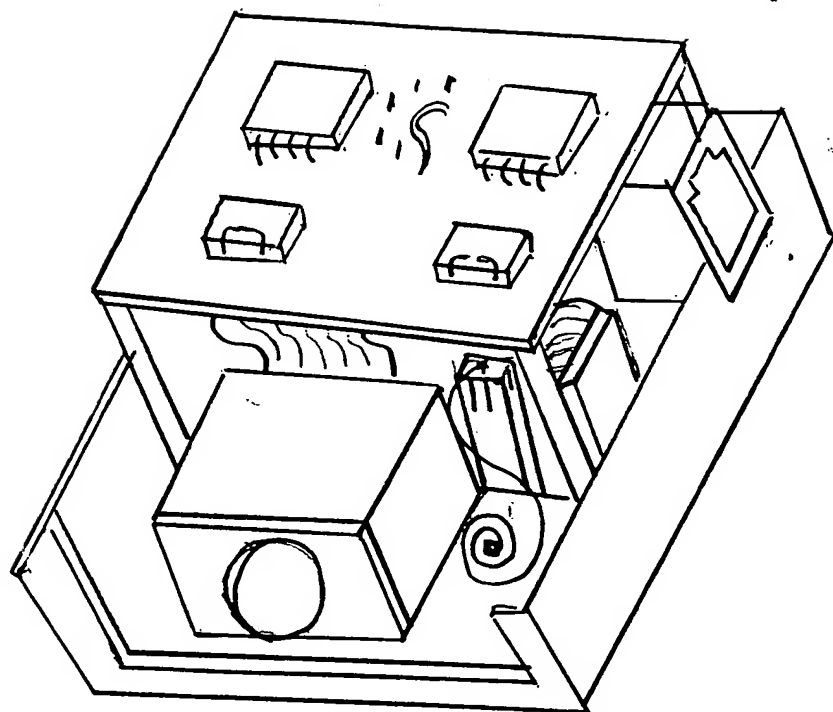
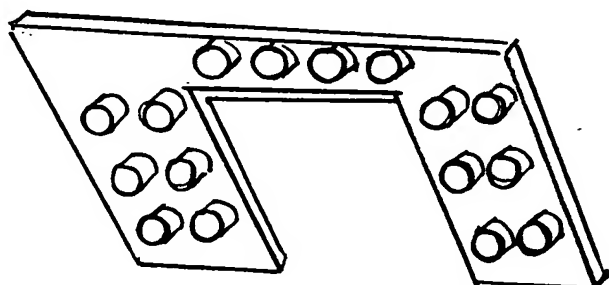


FIG 7



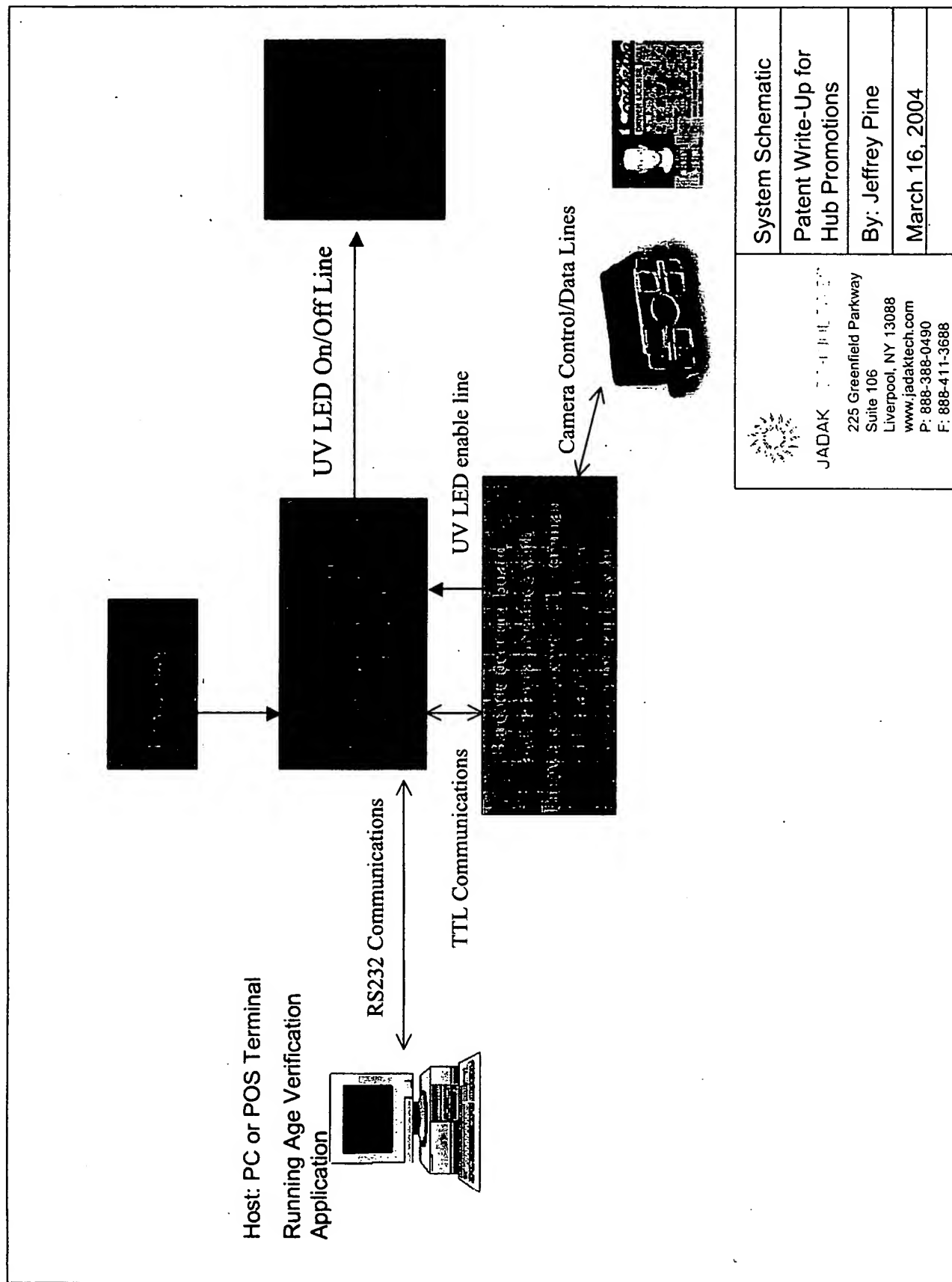


FIG 8

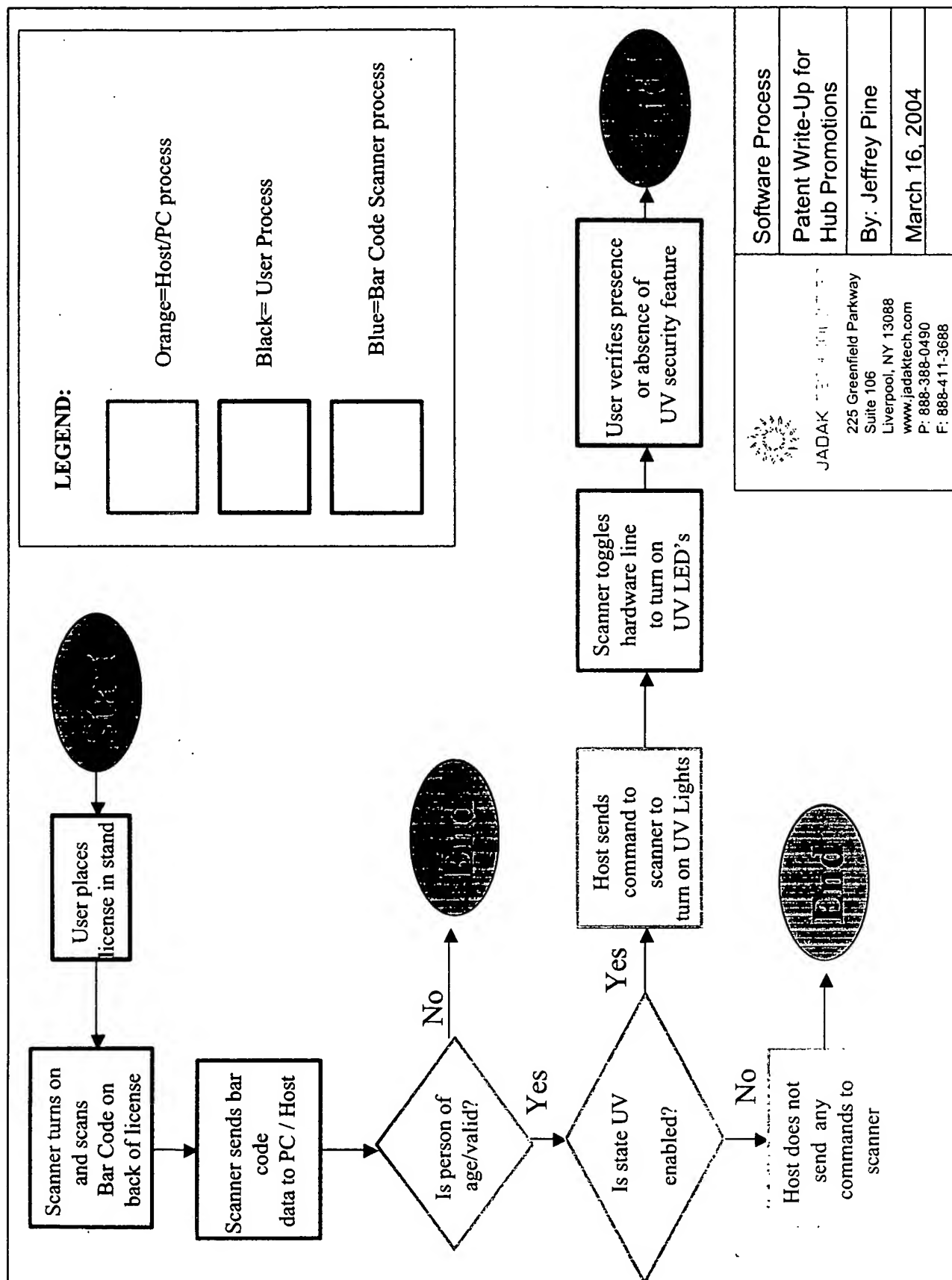


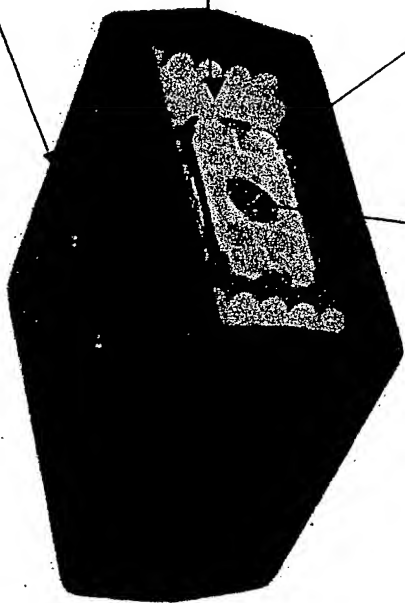
FIG 9

Product
Housing

UV
Illumination

Bar Code
Illumination

Bar Code
Scanner



JADAK TECHNOLOGIES

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Product Example

Patent Write-Up for
Hub Promotions

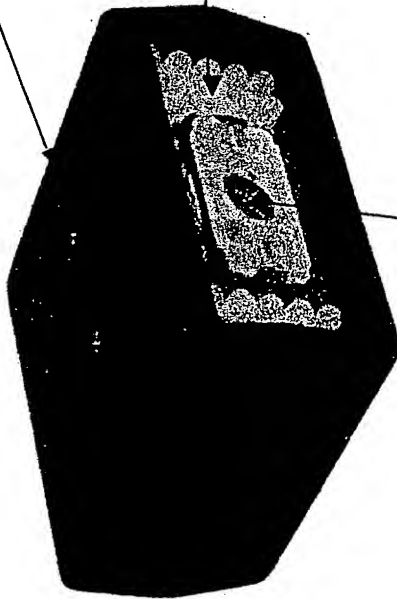
By: Jeffrey Pine

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FIG 10

Product
Housing
(Custom or Off-
The-Shelf)

UV Illumination
(available from
JADAK)



Bar Code Scanner
Available from
HHP (model
IT4250)



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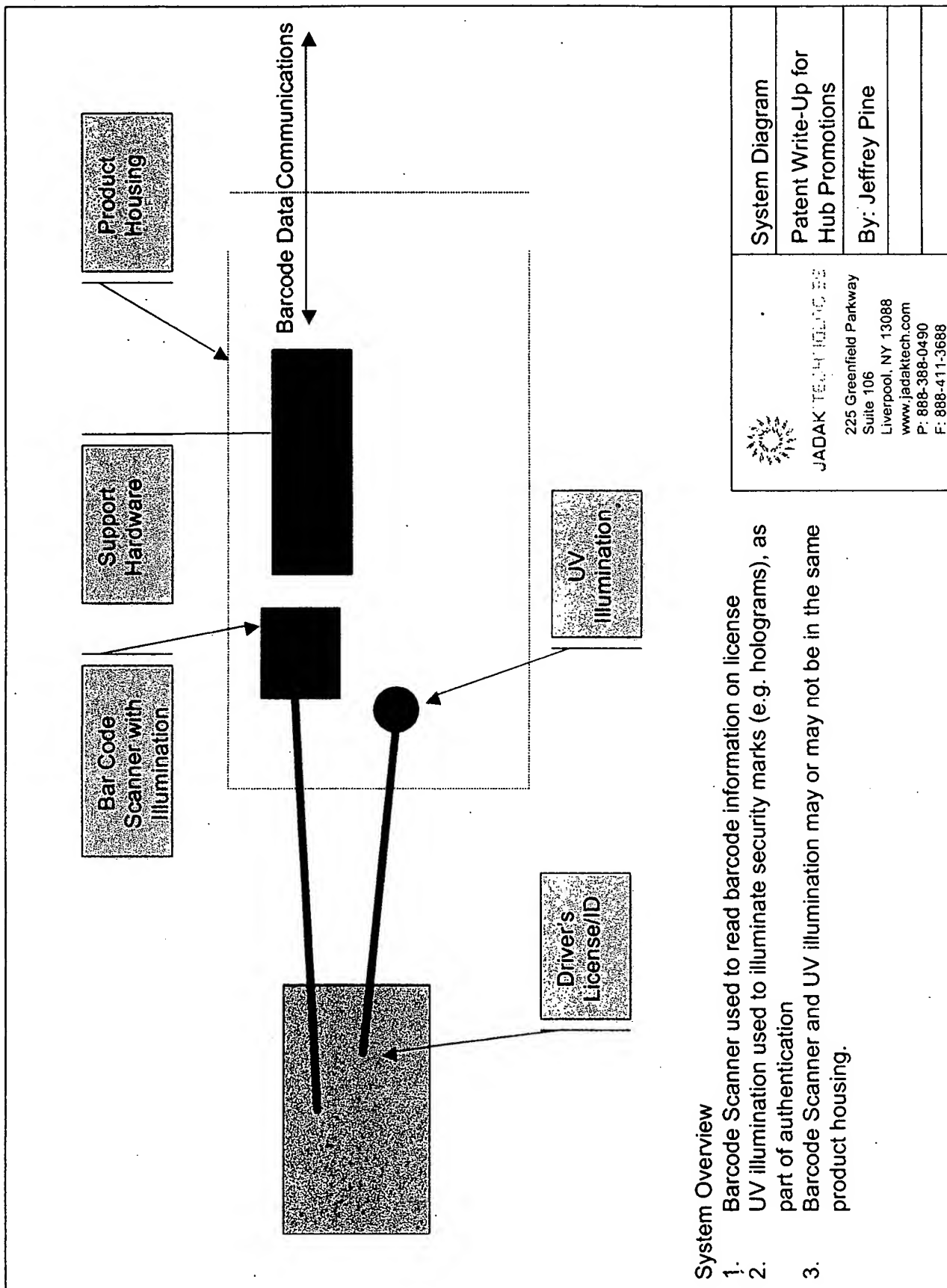
Product Example

Patent Write-Up for
Hub Promotions

By: Jeffrey Pine

February 11, 2003

FIG 11



System Overview

1. Barcode Scanner used to read barcode information on license
2. UV illumination used to illuminate security marks (e.g. holograms), as part of authentication
3. Barcode Scanner and UV illumination may or may not be in the same product housing.



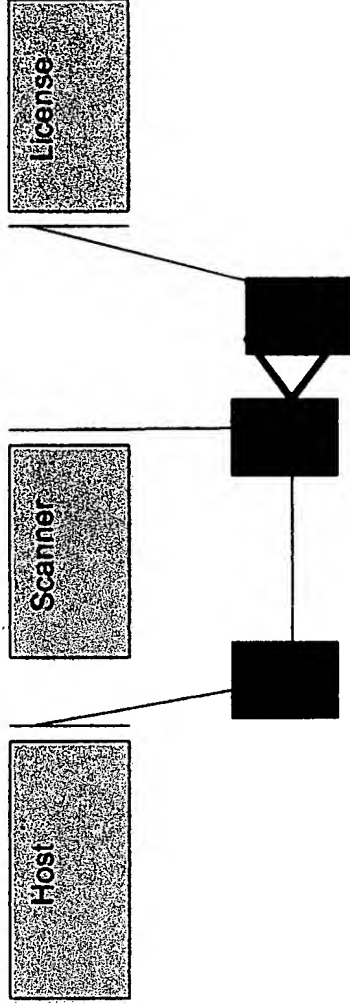
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System Diagram

Patent Write-Up for
 Hub Promotions

By: Jeffrey Pine

F1612



Software Process:

1. License is placed under reader
2. Reader scans and decodes barcode
3. Barcode information sent to Host
4. Host determines:
 - a. Age
 - b. If license is expired
 - c. State of Issue
5. If the license is expired or person is underage then the host will notify the user.
6. If Age and Expiration appear to be valid, the host will use the State of Issue to determine whether or not a UV inspection is necessary (ie. Does that particular State have a security marking?)
7. If the State does have a security marking, the host then sends a command to the scanner to turn on the UV Illumination. The command will also dictate the duration for the UV illumination to be on.


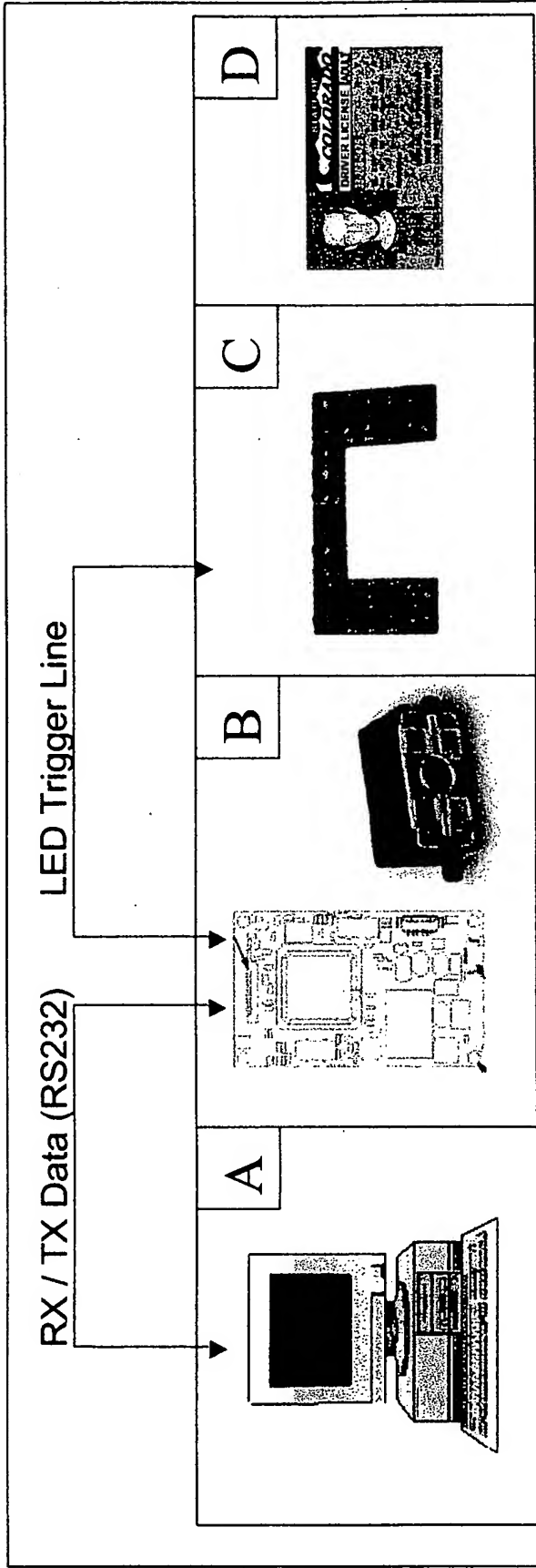
 JADAK TECHNOLOGIES 225 Greenfield Parkway Suite 106 Liverpool, NY 13088 www.jadaktech.com P: 888-388-0490 F: 888-411-3688	Software Overview
	Patent Write-Up for Hub Promotions
	By: Jeffrey Pine

FIG 13



Software Process:

1. License (D) is placed under reader (B)
2. Reader scans and decodes barcode
3. Barcode information sent to Host (A)
4. Host determines:
 - a. Age
 - b. If license is expired
 - c. State of Issue
5. If the license is expired or person is underage then the host will notify the user.
6. If Age and Expiration appear to be valid, the host will use the State of Issue to determine whether or not a UV inspection is necessary (ie. Does that particular State have a security marking?)
If the State does have a security marking, the host then sends a command to the scanner to turn on the UV Illumination (C). The command will also dictate the duration for the UV illumination to be on.
- 7.


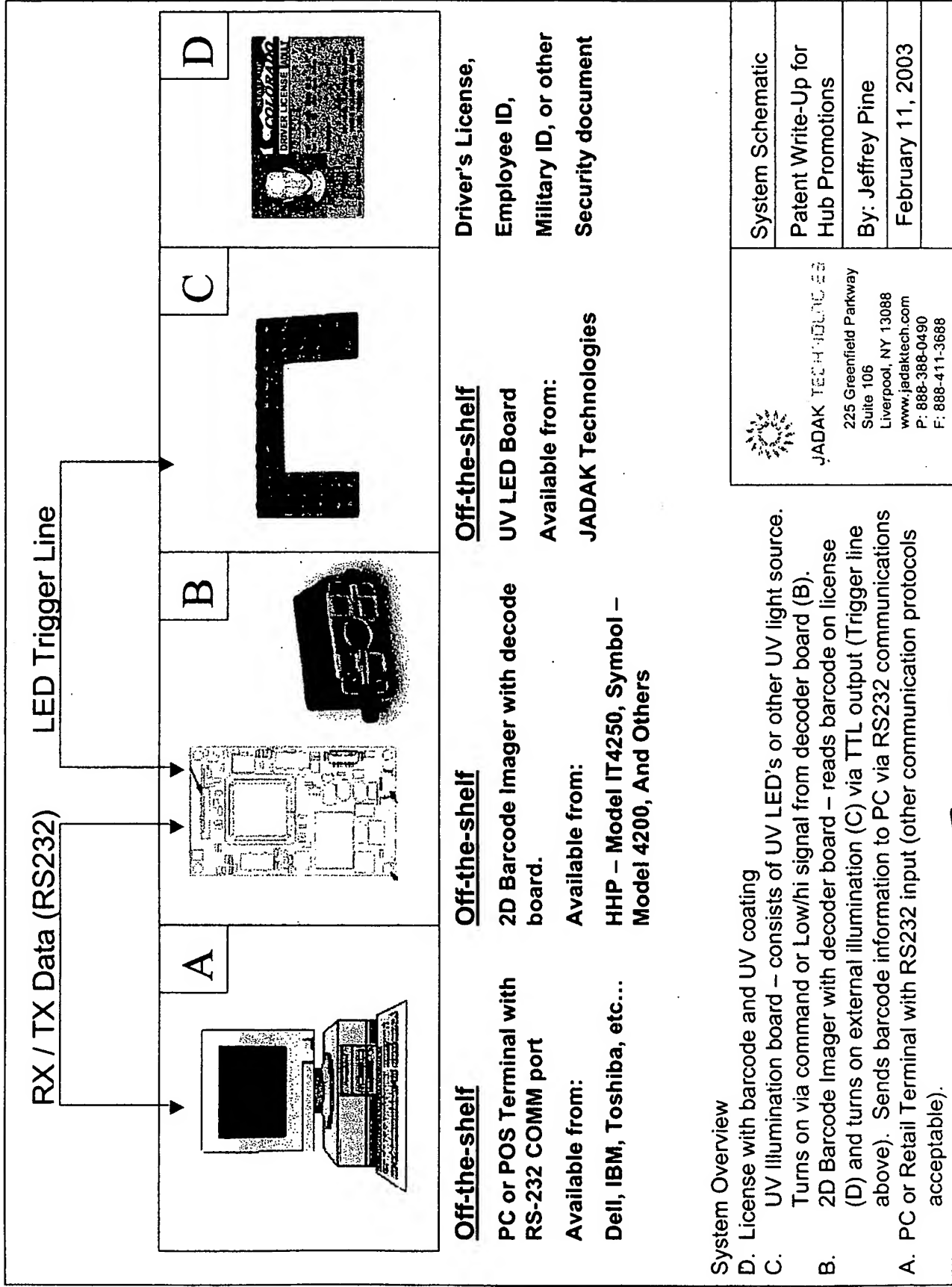
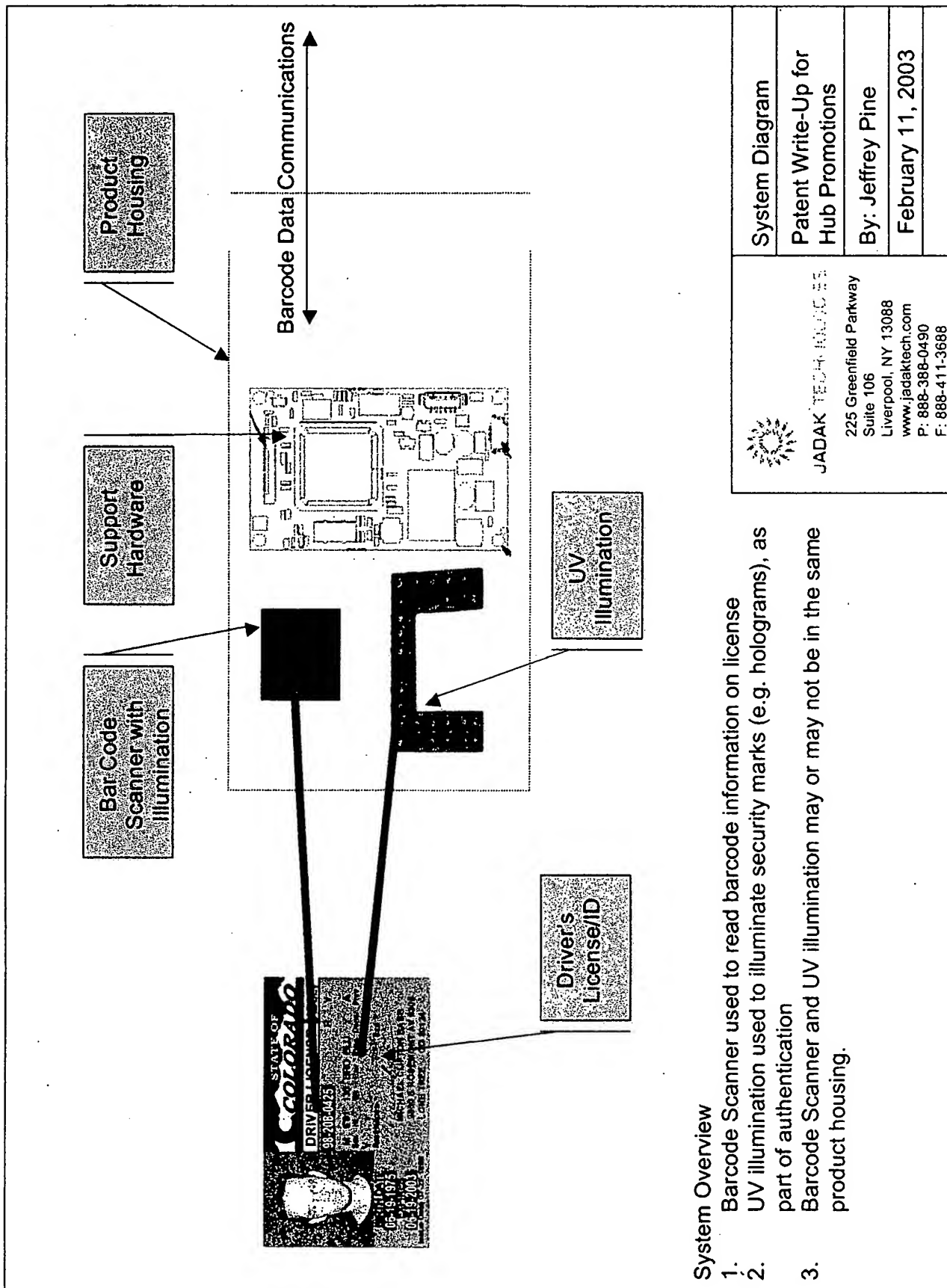
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FIG 14



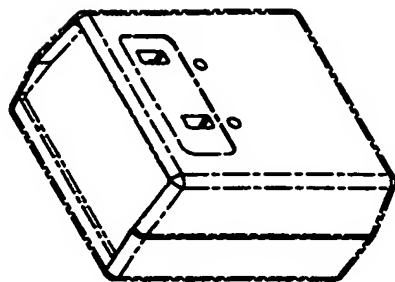


System Overview

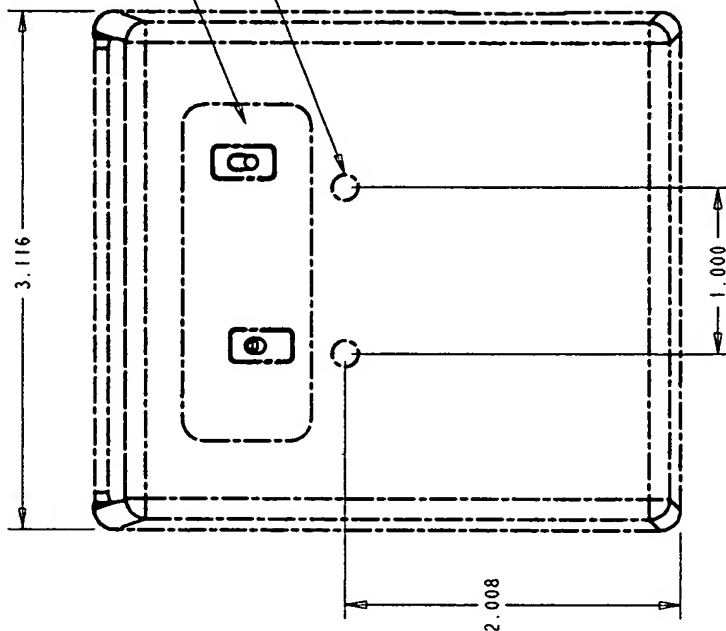
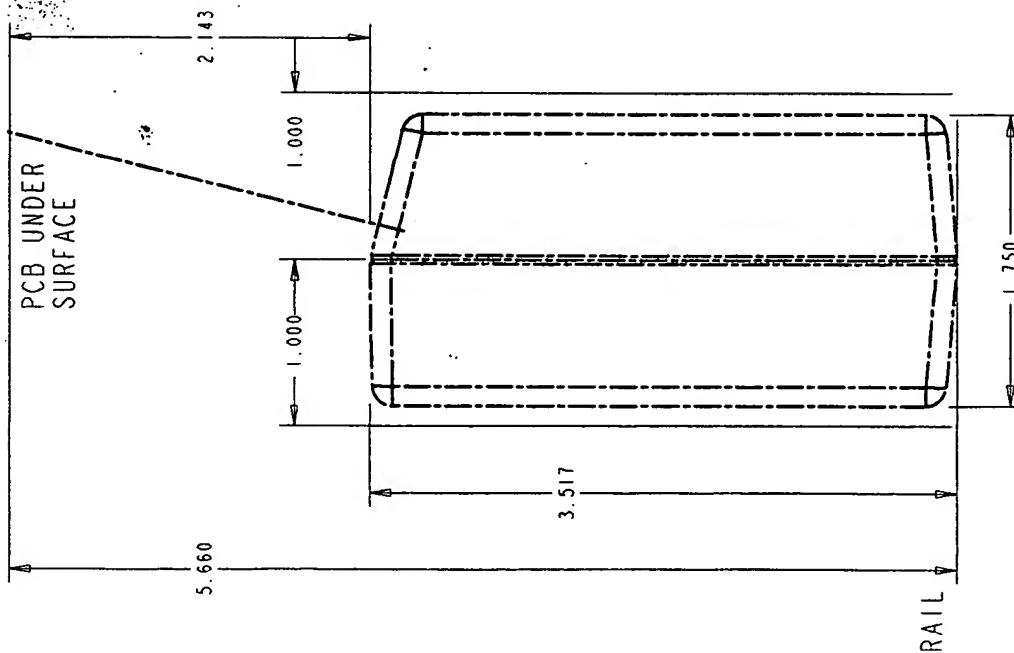
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